

Form 3160-4
(July 1992)

JAN 24 1996

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other
instructions
reverse side)

FORM APPROVED

OMB NO. 1004-0137

OPERATOR'S COPY

4. LEASE DESIGNATION AND SERIAL NO.

LC-030187

5. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

C. E. Lamunyon #51

9. API WELL NO.

30-025-33133

10. FIELD AND POOL, OR WILDCAT

Teague Blinebry

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Section 21, T23S, R37E

12. COUNTY OR
PARISH

13. STATE

Lea

NM

19. ELEV. CASINGHEAD

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1A. TYPE OF WELL:

OIL
WELL ☒GAS
WELL ☐DRY ☐

DEC 10 1995

1B. TYPE OF COMPLETION:

NEW
WELL ☒WORK
OVER ☐REPER-
FIX ☐FLOR
BACK ☐DIFF.
REPAIR ☐CAR ☐Other ☐

2. NAME OF OPERATOR

Arch Petroleum Inc.

3. ADDRESS AND TELEPHONE NO.

10 Desta Drive, Suite 420E, Midland, TX 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):

At surface Unit A, 1300' FNL & 560' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

9/28/95

15. DATE SPUDDED

9/29/95

16. DATE T.D. REACHED

10/9/95

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DP, KKG, RT, GE, ETC.)*

3294' GR

20. TOTAL DEPTH, MD & TVD

6000'

21. PLUG BACK T.D., MD & TVD

5908'

22. IF MULTIPLE COMPL.,
HOW MANY?23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

(5405' - 5837') Teague Blinebry

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CD/CNL, GR, DLL, Sonic

27. WAS WELL CORDED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT FULLED
8-5/8" J-55	32#	1075'	12-1/4"	Surf., 600 sx. CL, 'C'	
5-1/2" J-55	15.5#	6000'	7-7/8"	Surf., 1175 sx. lead	
				500 sx. 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5419'	

31. PREPARATION RECORD (Interval, size and number)

5405', 07', 14', 26', 48', 62', 5506', 32',
64', 79', 5601', 17', 30', 47', 63', 72',
5720', 64', 94', 5810', 37' w/4-1/2" JHPF
(84 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5405'-5837'	4,200 gal 15% NEFE
5405'-5837'	Frac w/85,000 gal 35# gel w/ 65-50% CO ₂ , 250,700# 16/30 mesh sand.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
10/19/95	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL	GAS—MCF	WATER—BSL	GAS-OIL RATIO
10/22/95	24	28/64"		115	706	102	

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL	GAS—MCF	WATER—BSL	OIL GRAVITY-API (CORR.)
200	540					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

Deviation Report, Sonic, Neutron & Micro Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Arthur Brooks

TITLE

Production Analyst

DATE

12-7-95

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Penrose Paddock Blinebry	3376 4950 5294	3553 5293 5950	Dolomite & Sand Dolomite & Lime Dolomite	Rustler Top of Salt Base of Salt Yates 7-Rivers Penrose Grayburg San Andres Paddock Blinebry Tubb	1030 1130 2365 2535 2782 3376 3554 3806 4950 5294 5950	

Arch Petroleum
C. E. Lamunyon #51
Lea County, NM

STATE OF NEW MEXICO
DEVIATION REPORT

487	1/4
974	1/2
1,075	1
1,574	1/4
2,047	2
2,139	2
2,232	2
2,340	2-1/2
2,433	1-3/4
2,527	1-1/4
2,621	1-1/4
2,746	1
2,898	1/4
3,118	1/4
3,368	1/4
3,838	1/4
4,066	1/2
4,542	1
5,037	1-1/4
5,511	1
6,000	1-1/2

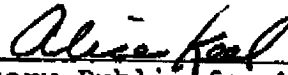


By: Ray Peterson

STATE OF TEXAS

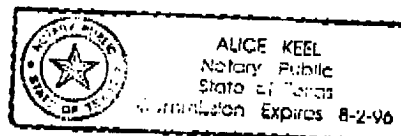
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me
this 13th day of October, 1995, by RAY PETERSON
on behalf of PETERSON DRILLING COMPANY.



Notary Public for Midland
County, Texas

My Commission Expires: 8/2/96



District I
PO Box 1980, Hobbs, NM 88241-1980

District RC
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104
Revised February 10, 1994

Instruction on back
Submit to Appropriate District Office
5 Copies

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator Name and Address ARCH PETROLEUM INC. 10 DESTA DRIVE, STE. 420E Midland, TX 79705		² OGRID Number 000962
⁴ API Number 30-025-33133	⁵ Pool Name TEAGUE BLINEBRY	⁶ Pool Code 58300
⁷ Property Code 014898	⁸ Property Name C. E. LAMUNYON	⁹ Well Number 51

II. ¹⁰ Surface Location

U/I or Lot No.	Section	Township	Range	Lot Idn.	Feet from the	North/South Line	Feet from the	East/West Line	County
A	21	23S	37E		1300	NORTH	560	EAST	LEA

¹¹ Bottom Hole Location

U/I or Lot No.	Section	Township	Range	Lot Idn.	Feet from the	North/South Line	Feet from the	East/West Line	County

¹² Lse Code F	¹³ Producing Code F	¹⁴ Method Code F	¹⁵ Gas Connection Date 10/19/95	¹⁶ C-129 Permit Number	¹⁷ C-129 Effective Date	¹⁸ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁹ Transporter OGRID	²⁰ Transporter Name and Address	²¹ POD	²² O/G	²³ POD ULSTR Location and Description
007440	EOTT ENERGY PIPELINE PARTNERSHIP, P. O. BOX 1680 MIDLAND, TX 79702	2816185	O	
020809	SID RICHARDSON 201 MAIN ST. FORT WORTH, TX 76102	2816187	G	

IV. Produced Water

²⁴ POD 2816188	²⁵ POD ULSTR Location and Description
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V. Well Completion Data

²⁶ Spud Date 9/25/95	²⁷ Ready Date 10/22/95	²⁸ TD 6000'	²⁹ PBTD 5908'	³⁰ Perforations 5405'-5837'
³¹ Hole Size 12 1/4"	³² Casing & Tubing Size 8 5/8"	³³ Depth Set 1075'	³⁴ Sacks Cement 600 SX.	
7 7/8"	5 1/2"	6000'	1175 SX.	
	2 3/8" tubing	5419'		

VI. Well Test Data

³⁵ Date New Oil 10/19/95	³⁶ Gas Delivery Date 10/22/95	³⁷ Test Date 10/22/95	³⁸ Test Length 24 HRS	³⁹ Tbg. Pressure 200#	⁴⁰ Csg. Pressure 540#
⁴¹ Choke Size 28/64"	⁴² Oil 115	⁴³ Water 102	⁴⁴ Gas 706	⁴⁵ AOF	⁴⁶ Test Method F

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Bobbie Brooks*

Printed Name:
BOBBIE BROOKS

Title:
PRODUCTION ANALYST

Date:
DECEMBER 5, 1995

Phone:
915-685-1961

OIL CONSERVATION DIVISION
Approved by: **ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR**

Title:

Approved Date:
DEC 12 1995

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date